

Ruby - Bug #20458

OpenSSL::SSL::SSLContext#min_version= and #max_version no longer accept Symbol values

04/25/2024 08:45 PM - postmodern (Hal Brodigan)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 3.3.1 (2024-04-23 revision c56cd86388) [x86_64-linux]	Backport: 3.1: UNKNOWN, 3.2: UNKNOWN, 3.3: UNKNOWN

Description

It appears that OpenSSL::SSL::SSLContext#min_version= and #max_version= no longer accept Symbol values, contrary to their [documentation](#). Instead it appears they are being converted to Strings.

Steps To Reproduce

```
require 'openssl'
context = OpenSSL::SSL::SSLContext.new
context.min_version = :TLSv1

require 'openssl'
context = OpenSSL::SSL::SSLContext.new
context.max_version = :TLSv1_2
```

Expected Results

Sets min_version and max_version to the according OpenSSL::SSL::TLS1_VERSION and OpenSSL::SSL::TLS1_2_VERSION values, respectively.

Actual Results

```
/usr/share/ruby/openssl/ssl.rb:179:in `set_minmax_proto_version': unrecognized version "TLSv1" (ArgumentError)

      set_minmax_proto_version(version, @max_proto_version ||= nil)
      ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
from /usr/share/ruby/openssl/ssl.rb:179:in `min_version='

/usr/share/ruby/openssl/ssl.rb:191:in `set_minmax_proto_version': unrecognized version "TLSv1_2" (ArgumentError)

      set_minmax_proto_version(@min_proto_version ||= nil, version)
      ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
from /usr/share/ruby/openssl/ssl.rb:191:in `max_version='
```

Version Info

- Tested on:
- ruby 3.2.2 (2023-03-30 revision e51014f9c0) [x86_64-linux] and openssl gem version 3.1.0
 - ruby 3.3.1 (2024-04-23 revision c56cd86388) [x86_64-linux] and openssl gem version 3.2.0

History

- #1 - 04/25/2024 09:42 PM - postmodern (Hal Brodigan)
- Ah I see the problem now. OpenSSL::SSL::SSLContext#ssl_version accepts :TLSv1* symbols, but #min_version and #max_version only seem to accept :TLS1* symbols without the v. This seems inconsistent and prone to causing confusion.
- #2 - 04/25/2024 09:58 PM - postmodern (Hal Brodigan)
- Also I just now noticed that SSLContext#ssl_version= is deprecated. This issue can be closed.

#3 - 04/25/2024 10:00 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Closed